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MONTANA OIL AND GAS STATISTICAL BULLETIN

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DONALD A. GARRITY, Attorney
1721 ELEVENTH AVENUE
HELENA, MONTANA 59601

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XXVIII, No. 1 — January, 1979

PRODUCTION STATUS

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1979 averaged 78,915 barrels daily, a decrease of 3,295 barrels from the average 82,210 production in December, 1978.

The six refineries in the state processed 133,213 barrels of crude oil daily for the month of January, 1979, a decrease of 7,014 barrels from the 140,227 barrels processed daily during the month of December, 1978.

During January, 75 wells were completed, 8 oil, 20 gas, and 47 dry holes.

During January, the board issued 38 permits to drill new wells, an increase of 3 from the 35 permits issued during December, 1978.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1979

IN STORAGE: January 1st	
By Producers	428,559
By Transporters	1,432,743
By Refiners	1,494,144
TOTAL STORAGE	3,355,446
Produced in Mont. During Month	2,446,355
Imported During Month	3,597,783
TOTAL	9,399,584
DISPOSITION	
Refined in Montana	4,129,594
Exported	1,726,211
Used for Fuel or Lost	(1,365)
TOTAL	5,854,440
IN STORAGE: January 31st	
By Producers	402,396
By Transporters	1,449,574
By Refiners	1,693,174
TOTAL STORAGE	3,545,144

REFINERS MONTHLY REPORT JANUARY, 1979

Company	Beginning Storage	Montana Crude Oil	N. Dakota Crude Oil	Wyoming Crude Oil	Canada Crude Oil	Refined	Ending Storage
Continental Oil Co.	224,179	258,150	—	343,347	848,410	1,375,843	298,243
Exxon Company	212,191	29,802	—	752,017	469,733	1,303,406	160,337
Farmers Union	1,018,723	37,742	—	380,049	742,131	986,768	1,191,877
Kenco Refining	12,503	117,248	1,664	—	—	111,972	19,443
Phillips Petroleum	6,375	134,488	—	—	62,096	196,199	6,760
Wesco Refining Co.	20,173	151,747	—	—	—	155,406	16,514
Totals	1,494,144	729,177	1,664	1,475,413	2,122,370	4,129,594	1,693,174

	AVERAGE BARRELS RECEIVED PER DAY					PERCENTAGE OF CRUDE OIL RECEIVED			
	Montana	N. Dakota	Wyoming	Canada	Total	Montana	N. Dakota	Wyoming	Canada
Year, 1978	24,240	190	47,982	58,545	130,957	18.51%	.14%	36.64%	44.71%
January, 1978	17,584	502	50,385	64,715	133,186	13.20%	.38%	37.83%	48.59%
January, 1979	23,522	54	47,594	68,463	139,633	16.85%	.04%	34.08%	49.03%

PRODUCERS' REPORT—MONTH OF JANUARY, 1979

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
4	Arch Apex	5	3,225	3,110	3,532	(3)	2,806
2	Ash Creek	3	612	610	649	—	573
1	Bainville	1	3,015	235	—	—	3,250
1	Bainville, West	1	836	917	1,094	—	659
2	Bannatyne	5	829	435	435	—	829
5	Bears Den	6	1,446	1,031	—	—	2,477
15	Bell Creek	163	13,674	512,853	511,724	15	14,788
—	Benrud	—	326	—	—	—	326
3	Benrud, East	3	2,045	8,205	9,073	—	1,177
1	Benrud, Northeast	1	480	855	—	—	1,335
1	Berthelote	1	477	77	—	—	554
2	Big Gully	2	401	797	861	19	318
—	Big Gully, North	—	489	—	—	—	489
3	Big Muddy Creek	3	3,165	5,304	6,235	—	2,234
4	Big Wall	11	696	10,392	9,682	—	1,406
1	Big Wall, North	1	268	117	—	—	385
1	Blackfoot	6	656	1,439	1,730	—	365
1	Blue Hill	1	1,414	2,129	2,507	—	1,036
4	Border	4	1,359	529	618	46	1,224
1	Boulder	1	965	895	1,285	—	575
1	Bowes	50	4,929	10,007	10,652	—	4,284
1	Bradley	1	957	567	641	—	883
2	Breed Creek	2	2,251	960	3,078	—	133
4	Brorson-Madison	4	2,577	1,082	1,078	—	2,581
3	Brorson-Red River	3	4,969	2,043	2,314	—	4,698
3	Brorson-Red River, S.	3	3,253	5,345	5,448	—	3,150
3	Brorson, South East	3	2,175	1,412	1,565	—	2,022
5	Brush Lake	5	974	6,697	6,881	—	790
1	Burns Creek	1	437	775	697	—	515
2	Cabin Creek	87	—	137,915	137,915	—	—
2	Canal	2	2,286	2,364	2,711	—	1,939
8	Cat Creek	49	2,714	6,934	7,666	180	1,802
2	Charlie Creek	2	1,260	11,286	11,728	—	818
1	Clark's Fork	1	194	101	177	—	118
1	Clark's Fork, North	1	576	166	—	—	742
1	Clark's Fork, South	1	1,185	104	—	—	1,289
5	Clear Lake	6	2,983	16,372	17,580	—	1,775
—	Conrad, South	—	90	—	—	—	90
1	Cow Creek	1	335	49	188	—	196
9	Cow Creek, East	11	6,257	8,512	10,009	—	4,760
2	Culbertson	2	1,436	5,311	4,529	—	2,218
9	Cupton	9	4,514	6,470	6,048	—	4,936
84	Cut Bank	883	42,320	112,998	115,310	(24)	40,032
1	Dagmar	2	935	5,436	5,523	—	848
—	Dean Dome	—	418	—	—	—	418
1	Deer Creek	1	446	685	472	—	659
—	Delphia	—	129	—	—	—	129
—	Devils Basin	—	114	—	—	—	114
4	Dry Creek	4	1,081	1,040	824	—	1,297
2	Dwyer	10	4,623	12,212	13,332	—	3,503
2	Eagle	2	1,251	1,935	2,224	—	962
3	Elk Basin	54	485	74,072	74,075	—	482
1	Elk Basin, Northwest	6	1,593	186	580	—	1,199
5	Fairview	9	8,002	13,748	13,645	—	8,105
1	Fertile Prairie	1	580	436	436	—	580
3	Flat Coulee	20	1,754	11,691	11,884	—	1,561
6	Flat Lake	46	3,482	41,132	41,218	—	3,396
4	Flat Lake, South	4	1,340	2,818	2,878	—	1,280
2	Fort Gilbert	3	852	4,742	4,947	—	647
1	Four Mile Creek	1	401	7,251	6,910	—	742
2	Four Mile Creek, West	2	1,318	6,858	6,569	—	1,607
1	Frannie	1	—	713	713	—	—
12	Fred & George Creek	35	5,150	35,926	36,782	—	4,294
1	Froid, South	1	720	488	799	—	409
—	Gage	—	153	—	—	—	153
3	Gas City	10	2,926	6,542	6,868	—	2,600
—	Girard	—	1,275	—	—	—	1,275
10	Glendive	13	2,230	15,748	16,370	—	1,608
—	Golden Dome	—	331	—	—	—	331
12	Goose Lake	19	3,994	16,254	16,089	—	4,159
11	Graben Coulee	37	4,730	3,731	3,221	—	5,240
1	Grandview, East	1	380	24	232	—	172
3	Gumbo Ridge	4	1,754	1,674	2,437	—	991
3	Gypsy Basin	6	1,710	1,574	472	677	2,135
1	Hay Creek-Mission	1	912	509	1,102	—	319
2	Hay Creek-Red River	2	2,083	1,299	1,810	—	1,572
3	Hiawatha	3	2,851	3,118	1,906	—	4,063
—	Hibbard	—	724	—	—	—	724
7	High Five	13	2,849	20,938	21,066	—	2,721
—	Highview	—	202	—	—	—	202
1	Horse Creek	1	728	104	—	—	832
2	Howard Coulee	2	947	817	1,011	—	753
4	Ivanhoe	10	1,218	1,331	308	—	2,241
—	Jackass Butte	—	514	—	—	—	514
2	Jim Coulee	15	2,775	21,183	21,791	—	2,167
5	Keg Coulee	14	4,639	10,876	10,193	34	5,288
3	Keg Coulee, North	3	1,766	1,484	1,872	2	1,376
1	Kelley	3	609	945	446	—	1,108
65	Kevin Sunburst	394	15,697	31,723	25,604	88	21,728
1	Laird Creek	8	1,391	672	1,047	—	1,016
5	Leary	5	1,960	2,394	2,596	(15)	1,773
1	Little Beaver	22	120	32,608	32,608	—	120
2	Little Beaver, East	9	1,991	9,821	9,728	—	2,084
14	Little Wall Creek	17	5,936	18,509	19,299	13	5,133
1	Lodge Grass	1	993	499	516	—	976
2	Lone Butte	2	1,176	3,006	2,588	—	1,594
6	Lonetree Creek	6	3,524	14,326	13,038	—	4,812
1	Long Creek	1	358	523	664	—	217
2	Long Creek, West	2	1,261	4,679	4,941	—	999

PRODUCERS' REPORT—MONTH OF JANUARY, 1979—(Continued)

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
3	Lookout Butte (Coral Creek)	30	700	44,429	44,459	—	670
3	Mason Lake	4	1,100	5,982	5,680	—	1,402
1	McCabe	1	776	2,382	3,084	—	74
3	Melstone	7	2,066	10,384	10,603	—	1,847
1	Mineral Bench	1	326	629	629	—	326
—	Miners Coulee	—	782	—	—	—	782
20	Mon Dak West	21	15,233	98,010	99,817	—	13,426
9	Monarch	14	4,876	10,356	12,303	—	2,929
1	Mosser	4	—	330	330	—	—
1	Nohly	2	725	6,929	6,695	—	959
1	North Fork	2	1,289	3,567	4,322	—	534
3	Otis Creek	3	2,300	4,527	4,031	—	2,796
5	Outlook	5	1,636	5,626	5,959	—	1,303
1	Outlook, South	1	925	211	—	—	1,136
—	Outlook, West	—	1,823	—	—	—	1,823
1	Oxbow	1	1,345	2,023	2,621	—	747
1	Pennel	114	1,100	234,314	234,532	—	882
1	Pete Creek	1	142	51	—	—	193
2	Phantom	3	651	4,114	4,016	—	749
4	Pine	108	13,266	195,794	196,123	—	12,937
51	Pondera	223	6,031	23,788	21,313	—	8,506
6	Poplar	62	7,004	27,438	28,778	—	5,664
10	Poplar, Northwest	15	3,510	10,540	10,507	—	3,543
—	Prairie Elk	—	980	—	—	—	980
1	Prichard Creek	4	807	420	352	—	875
1	Putnam	2	143	1,444	1,072	—	515
6	Putnam, East	6	4,513	20,477	21,245	130	3,615
2	Rabbit Hills	2	2,412	4,412	4,765	—	2,059
7	Ragged Point	19	5,139	3,165	3,707	—	4,597
2	Rattler Butte	2	1,100	1,767	2,451	—	416
2	Rattlesnake Coulee	2	701	219	193	—	727
2	Raymond	5	3,458	13,158	14,514	—	2,102
1	Raymond, Northeast	1	1,126	1,150	824	—	1,452
3	Reagan	44	1,277	18,524	18,695	—	1,106
1	Red Creek	18	—	6,896	6,896	—	—
1	Red Fox	1	273	15	—	—	288
1	Redstone	1	468	1,047	1,117	—	398
1	Repeat	1	670	1,309	1,309	—	670
4	Reserve	4	985	3,384	3,139	—	1,230
1	Richey	2	577	1,116	1,263	—	430
1	Richey, Southwest	4	703	765	883	—	585
2	RipRap Coulee	2	1,016	1,629	1,823	—	822
4	Rosebud	4	1,040	1,644	1,530	—	1,154
1	Rush Mountain	1	502	1,340	1,691	—	151
2	Salt Lake	3	449	1,026	1,115	—	360
2	Sand Creek	4	318	1,942	1,942	—	318
4	Second Creek	4	1,927	5,133	6,237	—	823
2	Sheepherder	2	575	94	—	—	669
1	Shotgun Creek, North	1	392	1,595	1,871	—	116
8	Sidney	8	4,247	11,129	12,737	—	2,639
7	Sioux Pass	7	6,067	14,732	16,444	—	4,355
1	Sioux Pass, East	1	510	524	943	—	91
2	Sioux Pass, Middle	2	2,924	4,223	6,062	—	1,085
5	Sioux Pass, North	5	7,094	8,836	12,138	193	3,599
1	Snyder	2	1,012	613	742	—	883
7	Soap Creek	21	3,278	3,647	4,419	—	2,506
2	Soap Creek, East	3	1,071	1,563	1,871	—	763
3	South Fork	3	2,914	12,943	13,635	—	2,222
1	Spring Lake	2	1,254	1,222	916	—	1,560
1	Stensvad	2	1,507	180	—	—	1,687
25	Sumatra	92	10,835	126,109	126,406	(81)	10,619
3	Sunnyhill	3	775	2,651	2,313	—	1,113
—	Tippy Buttes	—	243	—	—	—	243
4	Tule Creek	5	2,882	9,369	8,429	—	3,822
1	Tule Creek, East	1	1,247	773	902	—	1,118
3	Tule Creek, South	3	746	1,089	870	—	965
3	Utopia	6	1,532	2,921	3,301	—	1,152
10	Vaux	10	6,849	13,643	13,832	—	6,660
—	Vida	—	157	—	—	—	157
5	Volt	6	4,095	6,728	7,569	—	3,254
—	Wagon Box	—	80	—	—	—	80
1	Weed Creek	1	786	121	428	—	479
2	Weldon	2	2,068	1,021	1,150	—	1,939
—	West Butte	—	533	—	—	—	533
24	Whitlash	58	15,105	9,521	10,203	—	14,423
—	Whitlash, West	—	417	—	118	—	299
2	Willow Creek, North	2	732	659	745	—	646
1	Willow Ridge	3	—	395	395	—	—
3	Wills Creek, South	3	—	2,827	2,827	—	—
2	Winnett Junction	6	698	7,174	7,509	—	363
1	Wolf Springs	1	2,857	3,019	3,311	—	2,565
—	Womans Pocket	—	271	—	—	—	271
2	Woodrow	2	251	1,086	939	—	398
2	Wright Creek	3	389	868	—	—	1,257
—	Wildcat, McCone County	—	52	—	—	—	52
—	Wildcat, Musselshell County	—	54	—	—	—	54
5	Wildcat, Richland County	5	3,723	6,972	7,733	—	2,962
2	Wildcat, Roosevelt County	2	1,761	60,420	60,138	—	2,043
1	Wildcat, Sheridan County	1	125	1,357	1,087	—	395
—	Wildcat, Toole County	—	200	—	—	—	200
4	Wildcat, Wibaux County	4	1,630	7,245	7,422	—	1,453
755	TOTAL	3,207	428,559	2,446,355	2,471,244	1,274	402,396

See back page for oil production, shipping and storage summaries.

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA AT 14.73 PSIA and 60° F.—MONTH OF JANUARY, 1979

Field	MC. Ft.
NATURAL:	
Alma	—
Battle Creek	307,752
Bear's Den	—
Big Coulee	209,319
Big Rock	140,859
Black Coulee	4,054
Blackjack	23,103
Bowdoin	789,886
Bowes	80,839
Brown's Coulee	140
Bullwacker & Area	130,672
Canadian Coulee	12,263
Cedar Creek	171,482
Chip Creek	1,433
Clark's Fork, North	—
Coal Coulee	4,136
Cut Bank	365,723
Dry Creek	62,412
Dry Creek, Middle	—
Dunkirk North	29,122
East Chinook	6,561
Flat Coulee	17,162
Fresno	28,006
Gold Butte	—
Grandview	27,939
Gypsy Basin	37,931
Hardin	1,178
Haystack Butte	18,598
Highview	21,146
Keith Block	79,208
Kevin Sunburst	51,205
Kevin Sunburst Nisku & Area	5,340
Kicking Horse	18,463
Kinyon Coulee Area	5,133
Lake Basin	8,154
Ledger	14,037
Leroy	95,340
Liscom Creek	6,778
Lohman	12,140
Middle Butte	19,006
Miners Coulee	27,348
Mt. Lilly	11,035
Phantom	—
Plevna	2,709
Prairie Dell	57,625
Pumpkin Creek	552
Rapelje	9,529
Rocky Boy Area	7,131
Rudyard	21,927
Sage Creek	1,788
Sawtooth Mountain & Area	143,261
Sherard	71,393
Snoose Coulee	9,892
South Devon	14,476
South Shelby	31,551
Strawberry Creek Area	5,805
Swanson Creek	3,363
Tiger Ridge	1,274,066
Trail Creek	—
Utopia	53,661
West Butte	—
Whitlash	110,334
Willow Ridge	7,918
TOTAL NATURAL GAS	4,671,884

Field	MC Ft.
ASSOCIATED:	
Bell Creek	45,170
Big Muddy Creek	5,659
Blue Hill	1,767
Clark's Fork South	7,267
Cabin Creek	3,626
Coral Creek	1,896
Culbertson	—
Eagle	98
Elk Basin	5,071
Fairview	19,974
Four Mile Creek	6,161
Four Mile Creek, West	5,644
Glendive	205
Mon Dak West	23,572
Otis Creek	4,291
Pennel	2,374
Richland	45,786
Sioux Pass	10,237
Sioux Pass, East	595
Sioux Pass, Middle	6,622
Sioux Pass, North	5,436
Sumatra	6,735
Tule Creek	3,303
TOTAL ASSOCIATED GAS	211,489
TOTAL WITHDRAWALS	4,883,373

Total withdrawals for January, 1978 were 4,467,666 MCF.

Total oil produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1978	30,429,188	83,368	30,316,941	83,060
January, 1979	2,446,355	78,915	2,471,244	79,718

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total In Storage
December, 1978	428,559	1,432,743	1,494,144	3,355,446
January, 1979	402,396	1,449,574	1,693,174	3,545,144